

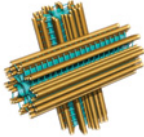





Worksheet II

Name and surname:

Form: Date:

THE FUNCTIONS OF THE ORGANELLES OF THE HUMAN CELL

A In the gap write the names of the organelles together with the correct definition (1-6) and function (A-F).

DEFINITION	ORGANELLE	FUNCTION
1. Composed of two sub-units. They are the smallest organelles in the cell.		A. They direct the separation of the chromosomes during cell reproduction and intervene in the formation of structures which produce cell movements, such as the flagella.
2. They are two hollow cylinders composed of filaments.		B. They produce the proteins of the cell.
3. They have a double membrane: the outer one is smooth and the inner one folds, forming crests.		C. Cellular respiration takes place, which is a process in which nutrients are burnt in the presence of oxygen to obtain energy, and CO ₂ is given off.
4. They are vesicles full of digestive substances.		D. It manufactures proteins by means of the ribosomes which are attached to its membrane, stores them or transports them to the Golgi body.
5. They form a series of flattened, stacked-up membrane sacs, which the vesicles emerge from.		E. They carry out cell digestion, i.e. they decompose substances and, from them, obtain useful substances for the nutrition of the cell.
6. It is composed of a series of interconnected sacs and channels. Some of them have ribosomes attached to the membrane.		F. It collects substances and, by means of its vesicles, transports them to different parts of the cell or outside the cell.